

**U.S. Department of Commerce
Patent and Trademark Office**

Serial No.
09/311,428

Filing Date
May 13, 1999

**Group
1641**

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

[illegible][illegible]

OTHER DOCUMENTS (Including Author, Title, Date)		
LVC	/	Bogart et al., (1989) "Human Chorionic Gonadotropin Levels in Pregnancies with Aneuploid Fetuses", <u>Prenat.Diagn.</u> 9: 379-384. (Exhibit 1);
LVC	/	Bogart et al., (1987) "Abnormal Maternal Serum Chorionic Gonadotropin Levels in Pregnancies with Fetal Chromosome Abnormalities", <u>Prenat.Diagn.</u> 7: 623-630. (Exhibit 2);
LVC	/	Cole et al., (1997) "Oligosaccharide Variants of hCG-related Molecules: Potential Screening Markers for Down Syndrome", <u>Prenat.Diagn.</u> 17: 1188-1190. (Exhibit 3);
LVC	/	Cole et al., (1998) "Hyperglycosylated hCG, A Potential Alternative To hCG in Down Syndrome Screening", <u>Prenat.Diagn.</u> 18: 926-933. (Exhibit 4);
EXAMINER <i>J.P. Cook</i>		DATE CONSIDERED <i>1/12/01</i>

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant: John O'Connor, et al.
Serial No: 09/311,428
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Exhibit A

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INFORMATION
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Atty. Docket No.
54205B/JPW/SHS/MVM

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Applicants
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS														
		Document Number							Date	Country	Class	Subclass	Translation	
		Yes	No											

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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LVC	✓ Cole et al., (1997) "Urine β -Core Fragment, a Potential Screening Test for Ectopic Pregnancy and Spontaneous Abortion", <u>Fetal.Diagn.Ther.</u> 12: 336-339. (Exhibit 5);
	✓ Forest et al., (1995) "Screening for Down Syndrome During the First and Second Trimesters: Impact of Risk Estimation Parameters", <u>Clin.Biochem.</u> 28: 443-449. (Exhibit 6);
	✓ Kovalevskaya et al., (1999) "Early Pregnancy Human Chorionic Gonadotropin (hCG) Isoforms Measured By An Immunometric Assay For Choriocarcinoma-like hCG", <u>J.Endocrinol.</u> 161: 99-106. (Exhibit 7);
LVC	✓ Spencer et al., (1996) "Urine Free beta-hCG and Beta Core in Pregnancies Affected by Down's Syndrome", <u>Prenat.Diagn.</u> 16: 605-613. (Exhibit 8);

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LYC	✓	Spencer et al., (1993) "Stability of Intact Chorionic Gonadotropin (hCG) in Serum, Liquid Whole Blood, and Dried Whole-Blood Filter-Paper Spots: Impact on Screening for Down Syndrome by Measurement of Free β -hCG Subunit", <u>Clin.Chem.</u> 39: 1064-1068. (Exhibit 9);
		Spencer et al., (1997) "Biochemical Markers of Trisomy 21 in Amniotic Fluid", <u>Prenat.Diagn.</u> 17: 31-37. (Exhibit 10);
LYC	✓	Valerio et al., (1996) "Maternal Serum Screening of Fetal Chromosomal Abnormalities by AFP, UE3, hCG and free- β hCG", <u>Minerva.Ginecol.</u> 48: 169-173. (Exhibit 11);
		Wald et al.,(1994) "Four-Marker Serum Screening For Down's Syndrome", <u>Prenat.Diagn.</u> 14: 707-716. (Exhibit 12);

ER Lisa. I Cook

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													Yes	No	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

OTHER DOCUMENTS (Including PubMed)		
W/C	✓	Wald et al., (1994) "First Trimester Biochemical Screening for Down's Syndrome", <u>Ann.Med.</u> 26: 23-29. (Exhibit 13) ;
W/C	✓	Zimmermann et al., (1996) "Age-Independent Indices in Second-Trimester Serum Screening for Down's Syndrome Are Useless", <u>Prenat.Diagn.</u> 16: 79-82. (Exhibit 14) .
W/C		Birken et al., (1993) "Separation of Nicked Human Chorionic Gonadotropin (hCG), Intact hCG, and hCG Beta Fragment From Standard Reference Preparations and Raw Urine Samples", <u>Endocrinology</u> 133: 1390-1397;
W/C		Birken et al., (1996) "Metabolism of hCG and hLH to Multiple Urinary Forms", <u>Mol. Cell Endocrinol.</u> 125: 121-131;

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OTHER DOCUMENTS (including Internet)	
WC	O'Connor et al., (1988) "Development of Highly Sensitive Immunoassays to Measure Human Chorionic Gonadotropin, its Beta-subunit, and Beta Core Fragment in the Urine: Application to Malignancies", <u>Cancer Res.</u> 48: 1361-1366;
WC	Wilcox et al., (1988) "Incidence of Early Loss of Pregnancy", <u>N.Engl.J.Med.</u> 319: 189-194;
WC	Zinaman et al., (1996) "Estimates of Human Fertility and Pregnancy Loss", <u>Fertil.Steril.</u> 65: 503-509;
WC	Acevedo et al., (1992) "Expression of Membrane-associated Human Chorionic Gonadotropin, Its Subunits, and Fragments by Cultured Human Cancer Cells", <u>Cancer</u> 69(7): 1829-1842;

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